

10815954 6/16/06

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	9	MAR 22	EMBASE is now updated on a daily basis
NEWS	10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	12	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS	16	MAY 10	CA/Caplus enhanced with 1900-1906 U.S. patent records
NEWS	17	MAY 11	KOREAPAT updates resume
NEWS	18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	19	MAY 30	IPC 8 Rolled-up Core codes added to CA/Caplus and USPATFULL/USPAT2
NEWS	20	MAY 30	The F-Term thesaurus is now available in CA/Caplus
NEWS	21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS EXPRESS	JUNE 16 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 23 MAY 2006.		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		
NEWS X25	X.25 communication option no longer available after June 2006		

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:10:37 ON 16 JUN 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:10:49 ON 16 JUN 2006

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STRUCTURE FILE UPDATES: 15 JUN 2006 HIGHEST RN 887970-41-4

DICTIONARY FILE UPDATES: 15 JUN 2006 HIGHEST RN 887970-41-4

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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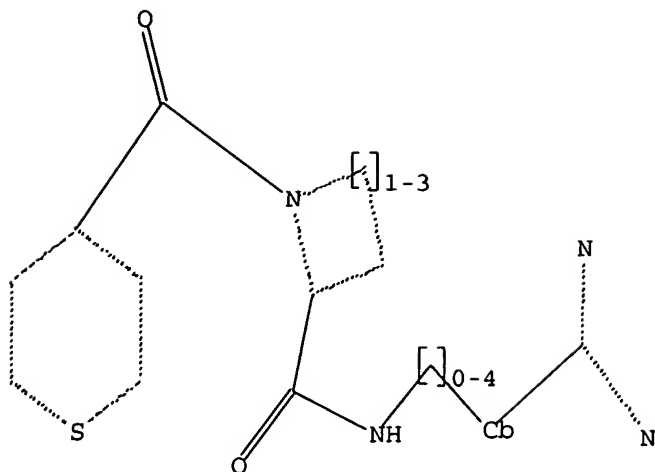
Uploading C:\Program Files\Stnexp\Queries\10815954.str

Chemical structures of the ligands are shown. Structure (a) is 1,3-bis(4-aminophenyl)-4-(6-methylthiohexan-2-ylidene)imidazolidine-2-one, and structure (b) is 1,3-bis(4-aminophenyl)-4-(2,2,2,3-tetramethylbutylidene)imidazolidine-2-one.

```
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:Atom  9:Atom  10:Atom
11:Atom  12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom 17:CLASS 18:CLASS
19:CLASS 20:CLASS
```

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=> d
L1 HAS NO ANSWERS
L1 STR
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Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:11:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:11:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 71 TO ITERATE

100.0% PROCESSED 71 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.01

L3 25 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	166.94	167.15

FILE 'CAPLUS' ENTERED AT 15:11:37 ON 16 JUN 2006
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FILE LAST UPDATED: 15 Jun 2006 (20060615/ED)

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=> s l3

L4 1 L3

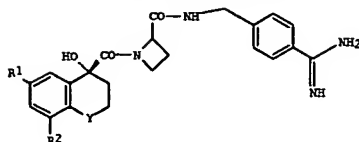
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:051154 CAPLUS
 DOCUMENT NUMBER: 135:371637
 TITLE: Synthesis of thiochromane derivatives for use as thrombin inhibitors
 INVENTOR(S): Andersson, Kjell; Inghardt, Tord; Karlsson, Olle; Linschoten, Marcel; Nystroem, Jan-erik; Sundén, Gunnel
 PATENT ASSIGNEE(S): Astrazeneca AB, Sved.
 SOURCE: PCT Int. Appl., 93 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087879	A1	200111122	WO 2001-SE1052	20010514
<p>W: AX, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG</p>				
CA 2407222	AA	20011122	CA 2001-2407222	20010514
EP 1283837	A1	20030219	EP 2001-930400	20010514
EP 1283837	B1	20040225		
<p>R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR</p>				
BR 2001010794	A	20030506	BR 2001-10794	20010514
JP 2003533522	T2	20031111	JP 2001-584273	20010514
AT 260273	E	20040315	AT 2001-930400	20010514
NZ 522133	A	20041126	NZ 2001-522133	20010514
ZA 200200805	A	20040209	ZA 2002-8805	20021030
US 2003220317	A1	20031127	US 2002-276150	20021112
US 6716834	B2	20040406		
NO 200205504	A	20021115	NO 2002-5504	20021115
PRIORITY APPL. INFO.:			SE 2000-1803	A 20000516
			WO 2001-SE1052	W 20010514
<p>OTHER SOURCE(S): MARPAT 135:371637 GI</p>				

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



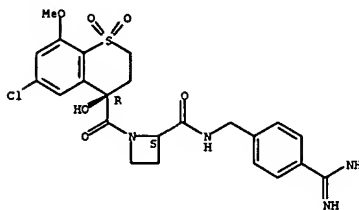
AB Synthesis of thiochromane derivs. (I) (R1 = halo; R2 = H, halo, alkoxy; Y = S=O, SO2) for use as thrombin inhibitors is disclosed. Thus, I (R1 = Cl, R2 = H, Y = SO2) (II) is prepared in 8 steps from 4-chloro-2-methoxythiophenol, Et bromopropanoate and paraaminobenzylamine azetidinecarboxylate. I is in thrombin clotting time assay shows an IC50TT of > 0.05uM. I are useful as prodrugs, competitive inhibitors of trypsinlike proteases, such as thrombin, and in particular in the treatment of conditions where inhibitors of thrombin is required (e.g. thrombosis) or as anticoagulants.

IT 374593-03-0P 374593-04-1P 374593-05-2P
 374593-06-3P 374593-07-4P 374593-08-5P
 374593-09-6P 374593-11-0P 374593-13-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIL (Biological study); PREP (Preparation); USES (Uses)
 (synthesis of thiochromane derivs. for use as thrombin inhibitors)

RN 374593-03-0 CAPLUS
 2-Azetidinecarboxamide, N-[[4-(aminomethyl)phenyl]methyl]-1-[[4(R)-6-chloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

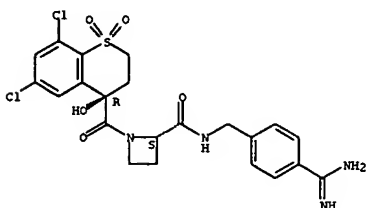
Absolute stereochemistry.



RN 374593-04-1 CAPLUS

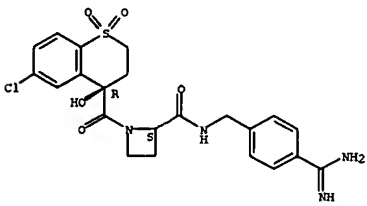
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 2-Azetidinecarboxamide, N-[[4-(aminomethyl)phenyl]methyl]-1-[[4(R)-6,8-dichloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 374593-05-2 CAPLUS
 CN 2-Azetidinecarboxamide, N-[[4-(aminomethyl)phenyl]methyl]-1-[[4(R)-6-chloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

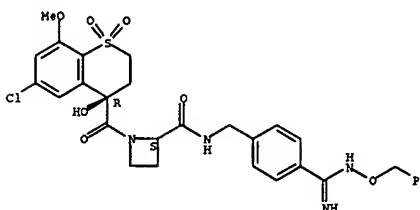
Absolute stereochemistry.



RN 374593-06-3 CAPLUS
 CN 2-Azetidinecarboxamide, 1-[[4(R)-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-N-[[4-[[imino(methoxyamino)methyl]phenyl]methyl]-, (2S)- (9CI) (CA INDEX NAME)

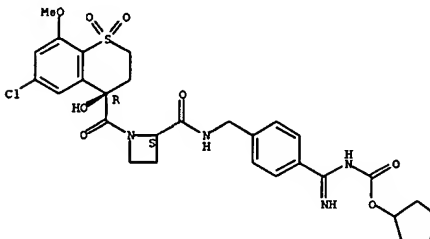
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 374593-07-4 CAPLUS
 CN Carbamic acid, [[4-[[[(2S)-1-[[4(R)-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl]iminomethyl]-, cyclopentyl ester (9CI) (CA INDEX NAME)

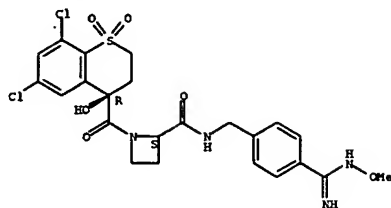
Absolute stereochemistry.



RN 374593-08-5 CAPLUS
 CN 2-Azetidinecarboxamide, 1-[[4(R)-6,8-dichloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-N-[[4-[[imino(methoxyamino)methyl]phenyl]methyl]-, (2S)- (9CI) (CA INDEX NAME)

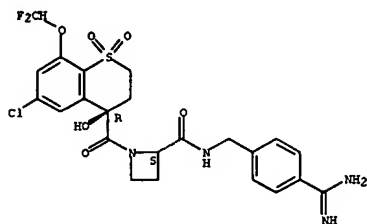
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 374593-09-6 CAPLUS
 CN 2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[[[(4R)-6-chloro-8-(difluoromethoxy)-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



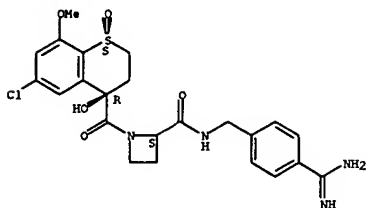
RN 374593-11-0 CAPLUS
 CN 2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[[[(1R,4R)-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1-oxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 374593-10-9
 CMF C23 H25 Cl N4 O5 S

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CH 2

CRN 76-05-1
 CMF C2 H F3 O2



IT 374593-23-4P 374593-28-9P 374593-29-0P
 374593-30-3P 374593-34-7P 374593-35-8P
 374593-36-9P 374593-37-0P 374593-38-1P
 374593-45-0P 374593-46-1P 374593-49-4P
 374593-50-7P 374593-51-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of thiochromane derivs. for use as thrombin inhibitors)

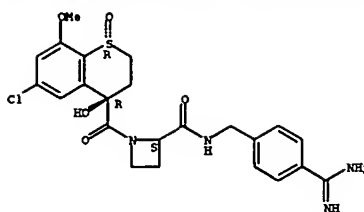
RN 374593-23-4 CAPLUS
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CH 1

CRN 374593-03-0
 CMF C23 H25 Cl N4 O6 S

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CH 2

CRN 76-05-1
 CMF C2 H F3 O2



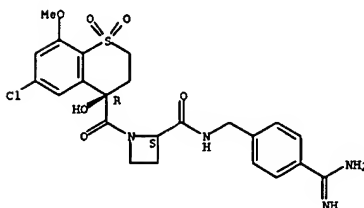
RN 374593-13-2 CAPLUS
 CN 2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[[[(1S,4R)-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1-oxido-2H-1-benzothiopyran-4-yl]carbonyl]-, (2S)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 374593-12-1
 CMF C23 H25 Cl N4 O5 S

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



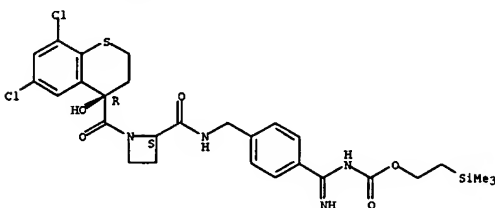
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CRN 64-19-7
 CMF C2 H4 O2



RN 374593-28-9 CAPLUS
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Absolute stereochemistry.

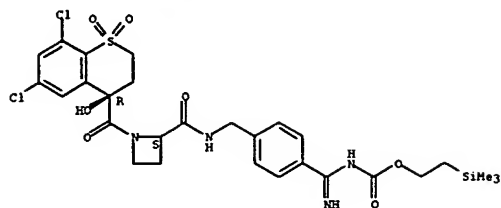


RN 374593-29-0 CAPLUS
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



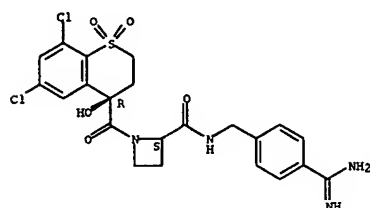
RN 374593-30-3 CAPLUS
CN 2-Azetidinylcarboxamide, N-[[4-(aminomethyl)phenyl]methyl]-1-[[4R]-6,8-dichloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl-, (2S)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 374593-04-1

CMF C22 H22 Cl2 N4 O5 S

Absolute stereochemistry.



CH 2

CRN 76-05-1

CMF C2 H F3 O2

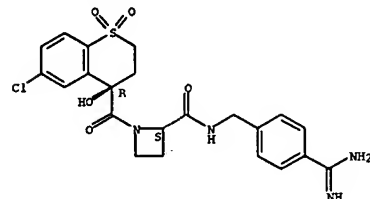
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN 2-Azetidinylcarboxamide, N-[[4-(aminomethyl)phenyl]methyl]-1-[[4R]-6-chloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl-, (2S)-, monoacetate (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 374593-05-2

CMF C22 H23 Cl N4 O5 S

Absolute stereochemistry.



CH 2

CRN 64-19-7

CMF C2 H4 O2



RN 374593-37-0 CAPLUS
CN Carbanic acid, [[4-[[[[(2S)-1-[[4R]-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl] [(phenylmethoxy) amino]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

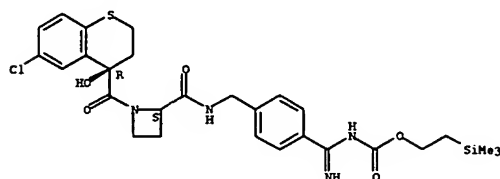
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



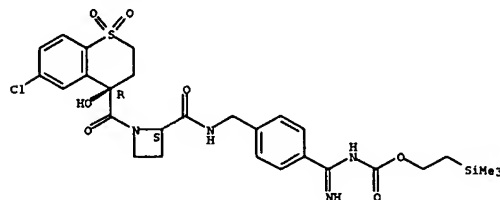
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CN Carbanic acid, [[4-[[[[(2S)-1-[[4R]-6-chloro-3,4-dihydro-4-hydroxy-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl] [(phenylmethoxy) amino]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



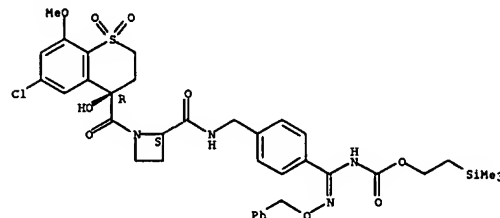
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CN Carbanic acid, [[4-[[[[(2S)-1-[[4R]-6-chloro-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl] [(phenylmethoxy) amino]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



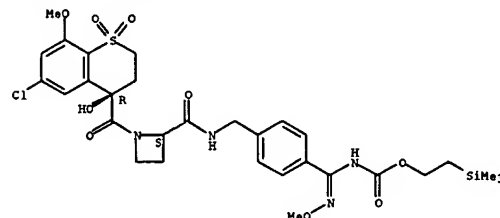
RN 374593-36-9 CAPLUS

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 374593-38-1 CAPLUS
CN Carbanic acid, [[4-[[[[(2S)-1-[[4R]-6-chloro-3,4-dihydro-4-hydroxy-8-methoxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl] [(methoxyamino)methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 374593-45-0 CAPLUS
CN Carbanic acid, [[4-[[[[(2S)-1-[[4R]-6-chloro-8-(difluoromethoxy)-3,4-dihydro-4-hydroxy-1,1-dioxido-2H-1-benzothiopyran-4-yl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl] [(phenylmethoxy) amino]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

5.57

172.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

-0.75

-0.75

STN INTERNATIONAL LOGOFF AT 15:12:27 ON 16 JUN 2006